



Widening of US 60 / Grand Avenue from Loop 303 to 99th Avenue

**ADOT Project No. 060 MA 138 H6866 01C
Federal Aid No. 060-B(201)**



**Final Design Public Open Houses
December 2, 2008**



Grand Ave. Widening, Loop 303 to 99th Avenue

Welcome!

- Purpose of today's open house
 - Provide information on scope of project
 - Share design plans with community
 - Discuss proposed construction approach and schedules
 - Obtain community input
 - Thank you for submitting questions on white cards before and during presentation
 - Thank you for submitting comments on blue comment cards





Project Partners



Grand Avenue Widening Construction Projects Starting in 2009





Loop 303 to 99th Avenue Widening Project Funding

- Project Funding Source
 - Regional Transportation Plan for Maricopa County, Phase I (2006-2010)
 - Federal funding participation



Why Widen Grand Avenue?



- Primary urban arterial connecting
 - Cities of Peoria, El Mirage and Surprise
 - Town of Youngtown
 - Unincorporated communities of Sun City and Sun City West
- Vital link in statewide highway system
- Will become more important as growth continues to the west and northwest
- Serves as link between Metro Phoenix, Wickenburg, Las Vegas and I-15





Long-term Needs for Grand Avenue Corridor

- Accommodate typical weekday traffic projections*
 - Up to 25,600 by 2010
 - Up to 46,100 by 2025
- Improve flow of vehicular traffic along Grand Avenue

*Prepared using Maricopa Association of Governments (MAG) Transportation Model



Public Involvement Time Line

- 10/05: Newsletter/notice distributed to 8,000 residents and businesses
- 11/05: Agency Scoping Meeting
- 11/05-1/06: Public Scoping Meetings
 - Sun City Grand HOA, Surprise
 - Sun City West Property Owners and Residents Association (PORA)
 - Sun City HOA Transportation Committee
 - West Point Town Center HOA, Surprise
 - Roseview HOA, Surprise
 - Rancho El Mirage HOA, El Mirage
- 6/06 & 10/06: Sun City Working Group Meetings
- 11/06: Public open houses in El Mirage, Sun City and Surprise





Scope of Loop 303 to 99th Avenue Widening Project

- Widen from current configuration to six-lane arterial street with raised medians
 - Widening to occur primarily within existing median to minimize need for additional right of way
 - Operational improvements at signalized intersections
 - Roadway capacity and pedestrian safety enhancements



Project Features

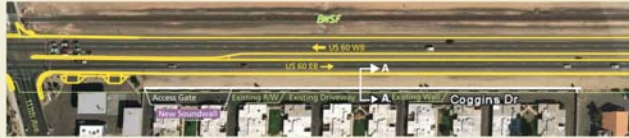
- Provision for “Shared Road Concept”
 - Right lane wide enough to accommodate bicycles
 - Striping for bicycle lanes would be up to local jurisdictions
- Larger font signage to enhance visibility
- Rubberized asphalt pavement for entire project to reduce traffic noise
 - Additional noise mitigation in qualifying areas via installation of noise walls







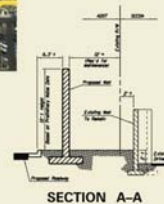
Sound Wall Locations



East of 111th Ave



Coggins Dr - 105th Ave



- 10' at Coggins Dr & 105th Ave to meet site distance requirements



ADOT Representative Sound Wall Design





Project Features

- Improvements at signalized intersections
 - Additional turn lanes
 - Signal synchronization
 - Signal timing adjustments
- Safe pedestrian waiting areas in median
 - Increased median width to six feet at crosswalks
 - ADA-compliant push buttons in median to prompt signal changes
 - Countdown pedestrian signals



Project Features



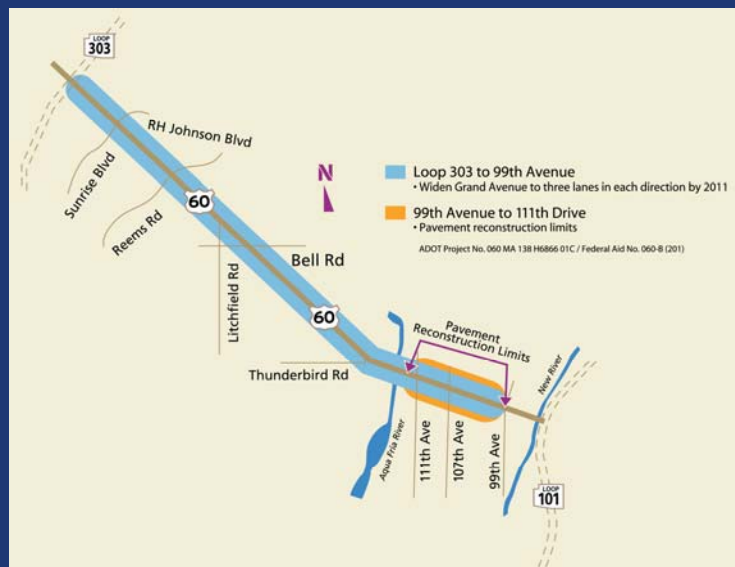


Project Features

- Pavement reconstruction from 111th Drive to 99th Avenue
 - Need for reconstruction was identified recently through pavement testing
 - Will increase short-term construction impacts
 - Needed to extend pavement life
 - Will save in long-term maintenance costs and minimize future community impacts



Pavement Reconstruction Area





Proposed Construction Plan

- Construction proposed to be primarily during night time hours to minimize impacts on traffic and businesses
 - Noise and light pollution mitigation measures to be used to minimize impacts
- Plan is to maintain two lanes of traffic in each direction on Grand Avenue during construction
 - Speed limit on Grand Avenue to be reduced to 35 mph during construction
- Business access to be maintained at all times



Proposed Construction Plan

- ADOT to coordinate with local agencies and utility companies
- Advance notification of traffic restrictions to be provided
 - Community members are encouraged to sign up to receive notices via email
 - Traffic restrictions to be posted on ADOT website
 - www.ValleyFreeways.com





Public Information during Grand Avenue Construction

- ADOT uses a number of ways to inform the public about construction:
 - Web site updates and email notices
 - ADOT newsletters and construction notices
 - Updates via newspaper and radio
 - Public outreach specialists
 - Project signage
 - Community meetings
 - 24-hour Project Hotline



For More Information...

- Visit ADOT Web site:
www.ValleyFreeways.com

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Northwest Valley
Community Outreach Team
Project Hotline: 480.890.3055

